

# George G. Vega

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## Personal Information

Date of birth march 2, 1988.  
Place of birth Iquique, Chile  
Location Santiago, Región Metropolitana, Chile.

## Education

Master in Economics and Public Policy, Adolfo Ibáñez University (2010)  
Bs. in Business Administration, Adolfo Ibáñez University (2010)

## Work Experience

**Chilean Pension Supervisor, 2011–Present** Research Division *Analyst*. Conducting research and statistical analysis on the Unemployment Insurance System and the Pension System.

**Nodos Chile Social Network Analysis Ltda., 2012–Present** *Partner*. Founder partner of one of the first applied SNA Consultancy Entrepreneurships in Chile.

**Adolfo Ibáñez University, 2011–2012.** School of Government *Professor* of Economics and Statistical Computing (2012). Taught Introductory courses of Economics, Microeconomics and Statistical computing with Stata.

**Chilean Ministry of Social Planning, 2011.** Social Programs Monitoring *Analyst*. Survey and Analysis of the Governments social programs supply and supporting the Monitoring Division with the Open-Data Initiative.

## Research

### Publications and Work in progress

Repetto, A., & Vega, G. (2013). The impact of increasing retirement payroll-tax: Pensions, Salaries and Employment. In *Centro de Políticas Laborales, Adolfo Ibáñez University*.

Fábrega, J., & Vega, G. (forthcomming) Twitter and Teletón. In *Revista de Sociología, Pontifical Catholic University, Chile*.

Vega, G., & Melse, E. (2013). PARALLEL: multicore computing in Stata.

Fábrega, J., Paredes, P., & Vega, G. (2013). Exploratory Analysis of Television Audience in Twitter. In *Informe Anatel 2013, chapter 5, National Television Asociation (ANATEL)*.

Quintanilla, X., Poblete, I., & **Vega, G.** (2013). Actuarial Analysis on the Unemployment Insurance Funds. In *Working Paper N 56, Chilean Pension Supervisor*.

**Vega, G.** (2013). Unitary Needed Capital (CNU): Computing and Introducing Stata module *cnu*. In *Technical Note N 2, Chilean Pension Supervisor*.

## Selected Software

**Vega, G.**, & Muñoz, E. (2013). ABCoptim: An Implementation of the Artificial Bee Colony (ABC) Optimization algorithm. In *The Comprehensive R Archive Network*.

**Vega, G.** (2012). PARALLEL: Stata module for Parallel Computing. In *Statistical Software Components, Boston College Department of Economics*.

**Vega, G.**, Fábrega, J., & Kunst, J. (2012). rgexf: An R package to build gexf graph files. In *The Comprehensive R Archive Network*.

**Vega, G.**, & Fajnzylber, E. (on development). NNMATCH2: A faster implementation of the Nearest Neighbour Matching Estimator.

**Vega, G.** (2012). googlePublicData: An R package to build Google's Public Data Explorer DSPL Metadata files, In *The Comprehensive R Archive Network*.

## Conferences and Presentations

"PARALLEL: Stata module for parallel computing", presented at the *Stata Conference* (2013), New Orleans, USA.

"Introducing rgexf and how to develop your own R-package", presented at the *Group of R users in Chile* (2013), Santiago, Chile.

"Introducing PARALLEL: Stata Module for Parallel Computing", presented at the *Reunión Anual de la Sociedad de Economistas de Chile* (2012), Viña del Mar, Chile.

## Honours and Awards

**Ad hoc reviewer** (parallel computing) of the Official Journal of The Society for Computational Economics (January 2013).

**Book reviewer** "Network Graph Analysis and Visualization with Gephi", by Ken Cherven, Packt Publishing, 2013.

**Founder of the R Users Group in Chile** Starting in January 2013.

**Honorable Mention** (Posters Session. Work: *Introducing Parallel: Stata Module for Parallel Computing*) given by the Chilean Economics Society during its 2012 annual meeting.

**Honour Scholarship** given by Adolfo Ibáñez University for completing undergrad and graduate studies (2006-2010).

**Director and co-founder of the Project "Educación Joven", 2008–2009.** A program on remedial education dedicated to assist low income students on reaching Higher Education.